

Name _____

Heating Substances

Fill in the table below as each substance is heated. Record any observations (using sight and/or smell). Then, if a substance changed in appearance, record whether each change is a physical or chemical change.

Substance	Observations	Physical or Chemical

1. Heating a substance may change its _____, resulting in a _____ or a _____.
2. In a physical change, heat may change the _____ of a substance, but the _____ of the substance is the same.
3. In a chemical change, _____ may be absorbed or released when the substance is heated, changing the _____ of a substance.
4. Substances produced during _____ cannot be easily changed back into the original substance.
5. The way a substance behaves when it is heated is a _____ of that substance.